

*65D*

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/551,874  
Source: PCT/US  
Date Processed by STIC: 10/12/05

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

## Raw Sequence Listing Error Summary

**ERROR DETECTED**
**SUGGESTED CORRECTION**
**SERIAL NUMBER:** 10/551,874

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

- 1  Wrapped Nucleic  
       Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2  Invalid Line Length     The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3  Misaligned Amino  
      Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. **Do not use tab codes between numbers;** use **space characters**, instead.
- 4  Non-ASCII     The submitted file was **not saved** in ASCII(DOS) text, as required by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
- 5  Variable Length     Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. **Per Sequence Rules,** each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6  PatentIn 2.0  
      "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7  Skipped Sequences  
(OLD RULES)     Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for **each** skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped
- 8  Skipped Sequences  
(NEW RULES)     Sequence(s) 6691 and others missing. If intentional, please insert the following lines for **each** skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9  Use of n's or Xaa's  
(NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10  Invalid <213>  
Response     Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11  Use of <220>     Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses.  
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12  PatentIn 2.0  
      "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13  Misuse of n/Xaa     "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



PCT

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION:** US/10/551,874

**DATE:** 10/17/2005  
**TIME:** 12:14:30

**Input Set :** N:\FANTU\10551874.raw.txt  
**Output Set:** N:\CRF4\10172005\J551874.raw

*use English for a U.S.  
application.*

3 <110> APPLICANT: SIRS-Lab GmbH  
 5 <120> TITLE OF INVENTION: Verfahren zur Erkennung akuter generalisierter entzündlicher Zustände  
 6 (SIRS), Sepsis, sepsisähnlichen Zuständen und systemischen Infektionen  
 8 <130> FILE REFERENCE: SL0505  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/551,874  
 C--> 11 <141> CURRENT FILING DATE: 2005-09-30  
 13 <160> NUMBER OF SEQ ID NOS: 10540  
 15 <170> SOFTWARE: PatentIn version 3.1

**ERRORED SEQUENCES**

260267 <210> SEQ ID NO: 6691      *if this is an intentionally skipped sequence, delete this section.*  
 260268 <211> LENGTH: 0      *Does Not Comply with Diskette Needs*  
 260269 <212> TYPE: DNA  
 260270 <213> ORGANISM: Homo sapiens  
 260273 <220> FEATURE:  
 260274 <223> OTHER INFORMATION: III.319 (N33921)  
 260276 <400> SEQUENCE: 6691

262773 <210> SEQ ID NO: 6746  
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 262775 <212> TYPE: DNA  
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 262779 <220> FEATURE:  
 262780 <223> OTHER INFORMATION: III.374 (H11838)  
 262782 <400> SEQUENCE: 6746      *same error*

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 267213 <212> TYPE: DNA  
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 267217 <220> FEATURE:  
 267218 <223> OTHER INFORMATION: III.469 (R42395)  
 267220 <400> SEQUENCE: 6841      *same*

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 291616 <212> TYPE: DNA  
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 291620 <220> FEATURE:  
 291621 <223> OTHER INFORMATION: III.996 (H66546)  
 291623 <400> SEQUENCE: 7368      *same*

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/551,874

DATE: 10/17/2005  
TIME: 12:14:42

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Output Set: N:\CRF4\10172005\J551874.raw

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291982 <220> FEATURE:  
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*sane*

E--> 291985

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303033 <220> FEATURE:  
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303036 <400> SEQUENCE: 7607

*sane*

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341024 <220> FEATURE:  
341025 <223> OTHER INFORMATION: III.2117 (AA988736)  
341027 <400> SEQUENCE: 8489

*sane*

E--> 341027

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*sane*

E--> 361142

362182 <210> SEQ ID NO: 9241  
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362185 <213> ORGANISM: Homo sapiens  
362188 <220> FEATURE:  
362189 <223> OTHER INFORMATION: III.2869 (AI184226)  
362191 <400> SEQUENCE: 9241

*sane*

E--> 362191

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404237 <220> FEATURE:  
404238 <223> OTHER INFORMATION: III.4149 (NM\_004525)  
404240 <400> SEQUENCE: 10521  
404241 gcagacctaa aggagcgttc gctagcagag gcgctgccgg tgcggtgtgc tacgcgcgcc

*see p.7*

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/551,874

DATE: 10/17/2005  
TIME: 12:14:47

Input Set : N:\FANTU\10551874.raw.txt  
Output Set: N:\CRF4\10172005\J551874.raw

404243	caccccccgg ggaaggaacg	gcgaggccgg ggaccgtcgc	ggagatggat	cgcggccgg	120	
404245	cagcagtggc	gtcacgcctg	ctccctggctc	tcgtcgccctg	cctagccgc	180
404247	aagaatgtga	cagtgcgcat	tttcgcgtgt	gaagtggca	ttgcacatccct	240
404249	ggtgtatgg	gaccaaagac	tgttcagatg	acgcggatga	aattggctgc	300
404251	cctgccagca	gggctatttc	aagtgcaga	gtgagggaca	atgcacatcccc	360
404253	tgtgtgacca	agatcaagac	tgtgtatgt	gctcagatga	acgtcaagat	420
404255	gtacatgctc	aagtcatca	ataacatgt	ccaatggta	gtgtatccca	480
404257	ggtgcacca	cgtcagagac	tgcccccgt	gagctgatga	aatgactgc	540
404259	catgtgagca	gcttacttgt	gacaatgggg	cctgtataa	caccagtca	600
404261	ggaaagttga	ttgcagggac	tcctcagatg	aatcaactg	cactgagata	660
404263	atgagtttc	atgtggcaat	ggagagtgt	ttccctcg	ttatgtctgt	720
404265	atgattgcca	agacggcagt	gatgaacatg	tttgcacta	tccgacatgc	780
404267	atgtcacttg	ccccagtggc	cgatgcattt	atcaaaaactg	ggtttgtat	840
404269	actgtaaaaga	taatggagat	gaagatggat	gtgaaagcgg	tcctcatgtat	900
404271	gttccccaag	agaatggtct	tgcccagagt	cgggacatg	catctccatt	960
404273	gtgatggat	tttagattgc	ccaggaagag	aagataaaa	caacactgt	1020
404275	actgttagtat	gactctgtgc	tctgccttga	actgcacta	ccagtgcct	1080
404277	atggaggagc	gtgtttttgt	cccccaggtt	atatcatcaa	ccacaatgac	1140
404279	gtgttgagtt	tgatgattgc	cagatatggg	gaatttgta	ccagaagtgt	1200
404281	ctggccgtca	cctgtgccac	tgtgaagaag	ggtatatctt	ggagcgtgga	1260
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404285	ttggtgat	tcatggagg	agcttccg	tccttagt	gtctcagaat	1380
404287	ccgtgggtgt	ggcttccac	tatcacatgc	aaagagttt	ttggacagac	1440
404289	ataaggttt	ttcagttgac	attaatgg	taaatatcca	agagtttctc	1500
404291	ttgaaaaacc	agagaacctg	gctgtggact	gggttaataa	taaaatctat	1560
404293	ccaaggtaa	ccgcata	atggtaaatt	tggatggaa	ctatcggtt	1620
404295	ctgaaaactt	ggggcattc	agaggaattt	ccgtggaccc	aactgtt	1680
404297	tctcagattt	ggagagcctt	tctgggaac	ctaagctg	aaggcatc	1740
404299	gcaaccgtaa	agacttgggt	aaaacaaagc	ttggatggcc	tgctgggta	1800
404301	tgatatcgaa	gcgtgtttac	tgggtgact	ctcggtt	ttacattgaa	1860
404303	atgatgaat	tcaaaggaag	actgtat	atggagg	cctcattc	1920
404305	gagtaagctt	atttgaaggt	caggtt	ttacagat	gacaaagat	1980
404307	aggcaaaacaa	gttcacagag	accaacccac	aagtgtacta	ccagcttcc	2040
404309	atggagtgac	tgttaccat	tcctcagac	agccctatgc	taccaatccg	2100
404311	acaatgggg	ctgtgac	gtctgtt	tca	ccacag	2160
404313	gttcccttgc	caagtgcaca	ttcggttcc	aactggatac	agatgagcgc	2220
404315	ctgttca	tttcatccc	aagtgtctat	tcgtggatc	ccgttac	2280
404317	tgttaccca	ggaagatgtc	atggtccag	tttcgggaa	tccttcttc	2340
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404321	ttaagaaaa	gattgtatggc	acaggaagag	aaattctgc	agtaacagg	2460
404323	ttgaaagttt	ggctttgtat	tggattca	agaatctt	ttggacagac	2520
404325	agagtatcag	tgtcatgagg	ctagctgata	aaacgagac	cacagtat	2580
404327	ataaccac	gtcggtggta	gttcatc	ttgcgggta	tctattctc	2640
404329	tccgtctgc	taaaattat	agagcatg	gtgacggatc	tcac	2700
404331	acactactt	tgtatggccc	aatggctt	ccatcgatt	ggctgctca	2760
404333	ggtagatgc	ctat	tttgc	aaaattg	acagcac	2820
404335	gactggcc	tatagagcag	atgacacatc	ctttggact	tgccatctt	2880
404337	tat	tttgc	tgactggaga	ctgggtg	ccat	2940
404339	aaatgac	actgt	ggcattg	tttgc	acata	3000

**RAW SEQUENCE LISTING**  
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**Input Set : N:\FANTU\10551874.raw.txt**  
**Output Set: N:\CRF4\10172005\J551874.raw**

404341	acatccagac tggttctaac gcctgtaatc aaccacgca tcctaacggg gactgcagcc	3060
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404345	tggcttccaa tcacttgaca tgcgaggggg acccaaccaa tgaaccaccc acggagcagt	3180
404347	gtggcttatt ttcttcccc tgtaaaaatg gcagatgtgt gccaaattac tatctctgtg	3240
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404351	cctgttcatc ttccgggttc acctgtggcc atggggagtg cattctgca cactggcgct	3360
404353	gtgacaaaacg caacgactgt gtggatggca gtgatgacca caactgcccc acccacgcac	3420
404355	ctgcttcctg ctttgacacc caatacacct gtgataatca ccagtgtatc tcaaagaact	3480
404357	gggtctgtga cacagacaat gattgtgggg atggatctga tgaaaagaac tgcaattcga	3540
404359	cagagacatg ccaacctagt cagtttaatt gccccaatca tcgatgtatt gacctatcgt	3600
404361	ttgtctgtga tggtgacaag gattgtgtt gatggatctga tgaggttgg tttgtattaa	3660
404363	actgtactgc ttctcaattc aagtgtgcca gtggggataa atgtattggc gtcacaaatc	3720
404365	gttgtgatgg tggttttgc tgcaatgaca actcgatgtg agcgggctgt ccaaccaggc	3780
404367	ctcctggat gtgccactca gatgaatttca agtgcacca agatgttata tgcacatccga	3840
404369	acttctggga atgtgtatgg catcoagact gcctctatgg atctgtatgg cacaatgcct	3900
404371	gtgtcccaa gacttgcct tcatacatatt tccactgtga caacggaaac tgcacatccaca	3960
404373	gggcatggct ctgtgatcg gacaatgact gccccat gaggatgatgag aaggactgcc	4020
404375	ctactcagcc ctttcgctgt cctagttggc aatggcagtg tcttggccat aacatctgtg	4080
404377	tgaatctgag tttgtgtgt gatggcatct ttgactgccc caatggaca gatgagttccc	4140
404379	cactttgca tgggacacgc tgctcagatt tcaatgggg ttgtactcac gaggatgttcc	4200
404381	aagagccctt tggggctaaa tgcctatgtc cattgggatt ctacttgcc aatgattcta	4260
404383	agacctgtga agacatagat gaatgtgata ttctaggctc ttgttagccag cactgttaca	4320
404385	atatgagagg ttcttcgg tgctctgtg atacaggcta catgttagaa agtgtatggg	4380
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404389	ttattgccga cagtgtcacc tcccagggtcc acaatatcta ttcatggc gagaatgtt	4500
404391	tttacattgt agtgttgc tttgattcaat ttagtggcg tatctttgg tctgtatgca	4560
404393	ctcagggtaa aacctggagt gcgttcaaa atggacggg cagaagatg gtatttgaca	4620
404395	gtagcatcat ctgtactgaa actattgca tagattgggt aggtcgtaat ctttactgg	4680
404397	cagactatgc totggaaaca attgaatgtc ccaaaattga tgggagccac aggactgtgc	4740
404399	tgatttagtaa aaacctaaca aatccaaagag gactagcatt agatcccaga atgaatgagc	4800
404401	atctactgtt ctggctgtac tggggccacc accctcgcat cgagcgagcc agcatggacg	4860
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404405	actaccccaa cagactgctc tacttcatgg actcctatct tgattacatg gactttgcg	4980
404407	attataatgg acaccatcg agacaggta tagccagtga tttgattata cggcacccct	5040
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404411	tgcgagccaa caagtggcat ggagggaaacc agtcagttgt aatgtataat attcaatggc	5160
404413	cccttggat tggcggtt catccctcga aacaaccaa ttccgtgaat ccatgtgcct	5220
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404417	tttgccttc aggtggagt ctgtctgtt atctcctgaa ttgcttggaga gatgatcaac	5340
404419	ttttcttaat aactgttaagg caacatataa ttttggaaat ctcccttaat cctgagggt	5400
404421	agagcaatga tgcgtatggc cccatagcag ggatacagaa tgggttagat gttgaatttg	5460
404423	atgtatgtca gcaataatcattt tattgggtt aaaaatccagg tgaatttcac agagtgaaga	5520
404425	cagatggcac caacaggaca gtatttgc tctatctat ggtggggct tctatgaacc	5580
404427	tggccttaga ttggatttca agaaacctt attctaccaa tcctagaact cagtcaatcg	5640
404429	aggtttgac actccacgg gatatacgat acagaaaaac attgtatggc aatgtatgg	5700
404431	cagctttgg agttggctt ccaatggca taactgttga tcctgtctgt gggaaagctgt	5760
404433	actggtcaga ccaaggaact gacagtgggg ttccctgcca gatgccagt gctaacatgg	5820
404435	atggcacatc tttttactg ggaacctcgca acacctggag tttttactg	5880
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**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/10/551,874**

**DATE: 10/17/2005**  
**TIME: 12:14:47**

**Input Set : N:\FANTU\10551874.raw.txt**  
**Output Set: N:\CRF4\10172005\J551874.raw**

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404445	gtcttcaagt	ttatcacaga	cgcaatgccg	ccgaatcc	aaatggctgt	agcaacaaca	6180
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404453	ccatggtgc	gggtggcaggc	caaggacgaa	acgcactgca	tgtggatgt	gatgtgtcct	6420
404455	ctggctttat	ttattgggt	gattttagca	gctcagtggc	atctgataat	gcgcattcgta	6480
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404463	aagtcatcgt	ggacatgcct	aggcatattg	ttgttagatcc	caagaacaga	tacctcttct	6720
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404467	cagtgcgt	gtcagagggc	attgtcacac	cacggggctt	ggcagtggac	cgaagtgtat	6840
404469	gctacgtta	ttgggttgc	gattcttag	atataattgc	aaggattcg	atcaatggag	6900
404471	agaactctga	agtgattcg	tatggcagtc	gttacccaa	tccttatggc	atcaactgtt	6960
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## RAW SEQUENCE LISTING

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**RAW SEQUENCE LISTING**  
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**DATE: 10/17/2005**  
**TIME: 12:14:47**

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**Output Set: N:\CRF4\10172005\J551874.raw**

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404736 cgcctccccc caatttgtca ttttgcagc cggaggcgcc tccgagatgg ggctgtgagc	180
404738 ttgcggccggg gagggggaaa gagcagcgag gagtgaagcg ggggggtggg gtgaagggtt	240
404740 tggatttcgg ggcagggggc gcaccccccgt cagcaggccc tccccaaggg gctcgaaact	300
404742 ctaccttcc acccacqccc ctggtgcgct ttgccgaagg aaagaataag aacagagaag	360
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404912	cggcacaggc gtggagacag tcgtctctgc agacttgcca aatgccacg ggctggctgt	5460
404914	ggactgggtc tcccgaaacc tggatctggac aagctatgac accaataaga agcagatcaa	5520
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404922	ggccctggct attgacttcc ctgaaagcaa actctactgg atcagctccg ggaaccatac	5760
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**Output Set: N:\CRF4\10172005\J551874.raw**

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404996	caacgggtgc tgccaggacc tgcgtctgtc cactcaccag gcccattgtca actgctcatg	7980
404998	ccgagggggc cgaatcctcc aggatgaccc cacctgccc gcggtgaatt cttcttgcgg	8040
405000	agcacaagat gagtttgagt gtgcacatgg cgagtgcac aacttcagcc tgacctgcga	8100
405002	cggcgcccc cactgcaagg acaagtcga tgagaagcca tcctactgca actccccccg	8160
405004	ctgcaagaag actttccgc agtgcagcaa tggcgcgtgt gtgtccaaaca tgctgtgtg	8220
405006	caacggggcc gacgactgtg gggatggctc tgacgagatc ctttgcacca agacagcctg	8280
405008	tggtgtggc gagttccgcgt gcccggacgg gacctgcac gggacttcca gccgctgca	8340
405010	ccagtttgcgt gattgtgagg acgcctcaga tgagatgaac tgcaatgc ggcactgcag	8400
405012	cagctacttc cgcctggcgt tgaagggcgt gctttccag ccctgcgagc ggacactact	8460
405014	ctgctacgca cccagctggg tggatggatgg cgccaaatgac tggggact acagtgtga	8520
405016	gcgcgactgc ccaggtgtga aacgcggccag atgcctctg aattacttcg cttgccttag	8580
405018	tgggcgtgc atccccatga gctggacgtg tgacaaagag gatgactgtg aacatggca	8640
405020	ggacgagacc cactgcaaca agttctgctc agaggcccag tttgagtgcc agaaccatcg	8700
405022	ctgcacatctcc aagcagtggc tggatggatgg cagcgatgac tggggatg gctcagacga	8760

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405030	ccagaaccgc cagtgcattc ccaagcactt cgtgtgtgac cacgaccgtg actgtgcaga	9000
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405072	ctggaccgc tggaaaccaa agtccattaa ccgagccac aagaccacgg gcaccaacaa	10260
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405126	cGCCACCAAT	gccAGCATCT	gtggggACGA	ggcacGCTGC	gtgcgcACCG	11880
405128	ctactgtGCC	tGCGGTCTGG	gttccCACAC	cgtGCCCGC	cAGCCCGAT	11940
405130	caacGAGTGC	ctgcgtCTCG	gcACCTGCTC	ccAGCTCTGC	aacaACACCA	12000
405132	cctctgcAGC	tGCGCTCGGA	acttcatGAA	gacgcACAAAC	acctgtCAAGG	12060
405134	tgagtaccAG	gtcctgtACA	tcgctgtGA	aatgagATC	cgcagcCTGT	12120
405136	ccccccattCG	gcttacGAGC	aggcattCCA	gggtgacGAG	agtgtCCGA	12180
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405164	tgggcgtGTC	tGcacCTGTC	ccaatGGAA	ggggctGGAC	aacggcacAT	13020
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 405253 gacctaaata gcctttcca ttaaccttcc cttcttacgc aacggttaat gactttggg 120  
 405255 gttgtttgc tttctgtttc tgctgagtca ctaaattttg cctcttgc cccaggtgt 180  
 405257 gctcagcata aaagttaaaa gtgcattca ggaagtactg ggattctgtg tagagccgag 240  
 405259 gaaaccattt ccctaagaga agctctgttc ctggcttgc ctttccttcc cgggaaggaa 300  
 405261 gcttccgagg aacgaaggga gaaggttg tttgcgtca gaaggagccc tgcgtcgcc 360  
 405263 tgagggttct cagctggctg tgaactgcgg agcattgttag ggcgcctggct ggctcaggcc 420  
 405265 aatgcagaag tcttccttcc ctccaaagac ccaaattcccc acagaaccag cttcgagtt 480  
 405267 cttcccttc aaggggattt aaataattgt gatttgtggc gctctccgtt cgcgggtgta 540  
 405269 ttttcctgtt gtgttaatgt cctcttatta agtaatagat gtgatttatg tgaacgacga 600  
 405271 aggggtgtgt ggtggattcg gtgattaatc agtgaattcc catccgctgg catctctcac 660  
 405273 tgcccttgc gctgtatgtt agatcagacg taccctgcatt tgaaaagtca agacacacgg 720  
 405275 gctctcgct cgcgtcaca cacgtctgc ctccctcttc ccgcacgcgc gcatccctcc 780  
 405277 acctccaca tccgtctcca ggcaggagaa ggctgactgg ctggactcat tgagctgaag 840  
 405279 aatttcagt gacatttgc taatgacgcgg ctgcatttca ggctccaagc ggccgctgcc 900  
 405281 gccggccggc cggccgggccc gaagggtggc ccgagcagtc tccagcgcag gcttccttac 960  
 405283 cgggcgacca caatgtccga gtttcttccgc gccttactca ctctctcggtt attattggc 1020  
 405285 attgccaggg tgctgaccgt gggagccgac cgagatcagc agttgtgtga tcctggtaa 1080  
 405287 tttcttgc acgatcacgt gacttgcgtc tcccagagct ggctgtgtga tggggaccc 1140  
 405289 gactgcctg atgattcaga cgagtctta gatacctgtc ccgaggaggt agaaatcaag 1200  
 405291 tgcccttgc atcacattgc ttgccttgc accaacaat gtgtcattt atcccagctg 1260  
 405293 tgcaatggtg tcttggactg cccagatggg tatgacgaag ggttacattt tcagggactg 1320  
 405295 ttatccattt gccaacagct gaattgtcag tataaatgtt caatggtcag aaatagtaca 1380  
 405297 agatgttact gtgaggatgg attcgaaata acagaagatg ggagaagctg taaagatcaa 1440  
 405299 gatgaatgtg ctgttatgg tacatgcagc cagacgtgc gaaacacaca tggatccatc 1500  
 405301 acttgcagtt gtgtggaaagg ctacctaattt cagccagaca acagatcttgc caaggctaaa 1560  
 405303 attgaaccta cagatagacc acctatacta ttaattgcac attttgaaac aattgagtt 1620  
 405305 ttctatcttta atgaaagttt aatggcaact ctaagctcag tcaatggaaa taaaatttcat 1680  
 405307 actctggatt ttatttataaa tgaagatatg attttgttggaa ttgaatcaag agaatcttca 1740

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**Output Set: N:\CRF4\10172005\J551874.raw**

405309	aatcaactca aatgttatcca gataacaaaa gcaggaggat taacagatga atggacaatc	1800
405311	aatattcttc aatccttcca caatgtcaa caaatggcgta ttgactggct cactcgaaat	1860
405313	ctctattttg tggaccatgt cggtgaccgg atctttgtt gtaattccaa cggttctgt	1920
405315	tgtgtcaccc tgattgatct ggagcttcac aatcctaaag caatagcagt agatccaata	1980
405317	gcaggaaaaac ttttctttac tgactacggg aatgtcgcca aagtggagag atgtgacatg	2040
405319	gatgggatga accgaacaag gataattgtat tcaaagacag agcagccagc tgcactggca	2100
405321	ctagacctag tcaacaaatt ggtttactgg gtagatctt acttggacta tgtggagta	2160
405323	gtggactatc aaggaaaaaa tagacacact gtcattcaag gcagacaagt cagacatctt	2220
405325	tatggtataa ctgtgttga agattatttg tatgcaacca attctgataa ctacaatatc	2280
405327	gtaaggataa accgatttaa tgggactgat attcactcat taataaaaat tgagaatgct	2340
405329	tggggaatcc gaatttataa aaaaagaact caaccaacag tcagaagcca tgcattgtgaa	2400
405331	gtcgatccat atggaatgcc agggggctgt tcacacatct gtctactcag cagcagttac	2460
405333	aaaactcgga cttgtcgctg caggactggc ttcaacttgg gaagtgtatgg caggtcatgc	2520
405335	aaaagaccaa agaatgagtt gttcctctt tatgggaaag gacgcccagg aattgttaga	2580
405337	ggaatggact tgaataccaa gatagtgtat gaatacatga tccccataga aaatctgtt	2640
405339	aaccctcgta ctttagactt tcacgcagaa accaattaca tctactttgc tgacaccacc	2700
405341	agtttcctaa ttggccggca gaagatagat ggcacagaga gagaaccat cctgaaagat	2760
405343	gatctggata atgttagaggg cattgctgtg gactggattt gaaataatct ttactggacc	2820
405345	aatgatggcc ataggaaaaac catataatgtg gccaggctgg aaaaagcttc tcagagtcgg	2880
405347	aagactctt tagagggtga aatgtctcat cccagagggaa ttgtgttgg tccagttaat	2940
405349	ggttggatgt attggacaga ctgggaggaa gatgaaatag atgacagcgt gggaaaggatt	3000
405351	gagaaggcct ggatggatgg attcaatcgg cagattttt gacttcaaa gatgctgtgg	3060
405353	ccaaacgggt taactcttgg cttcacacc aacacattat actgggtgtg tgcctattac	3120
405355	gatcatattt gaaaagtatt tttgaatggg actcacagga agattgttta cagtggaga	3180
405357	gagttgaacc accctttcgactgtcgcat catggaaatt atgtgttctg gactgattat	3240
405359	atgaatggtt ccatttttca actagattt gataacaatgtt aggtgacatt gctgaggcat	3300
405361	gaaagaccac ccctattttgg gcttcagatt tatgatccac gaaagcaaca aggtgacaat	3360
405363	atgtgcccggat taaaataatgg gggctgtatgt acactttgtt tggctatccc aggaggccgg	3420
405365	gtgtgtgtt gtggccgataa tcaacattttt gatgaaaatg ggacaacttg cacatttaat	3480
405367	cctggagaag cactacctca catatgtaaa gctggagagt ttcgtcgaa aAACAGACAC	3540
405369	tgtatccaag ctcgggtggaa atgtgtatggc gacgatgact gcctagacgg aagcgatgag	3600
405371	gattcagtaa actgcttcaa tcatactgtt cctgtatgtc agttttaaatg ccagaataat	3660
405373	cgctgcattcc ccaagagatg gctttgtat ggagctaatg actgtggag caatgaagat	3720
405375	gaatccaaatc aaacttgcac agccagaaca tgccaggtag accagtttc ttgcggaaat	3780
405377	gggcgttgca ttcccagagc atggctgtgt gacagggaa acgactgtgg tgaccagaca	3840
405379	gatgaaatgg catcttgttga attccaaact tttttttttt tttttttttt tttttttttt	3900
405381	agtggaaatgtt gatggatgtt gatggatgtt gatggatgtt gatggatgtt gatggatgtt	3960
405383	agtgtatgtt gatggatgtt gatggatgtt gatggatgtt gatggatgtt gatggatgtt	4020
405385	agatgcattcc caggccactg ggcctgtat ggtgacaatg actgtggggat ttccatgtat	4080
405387	gaagcccaaga tcaatttgttca taaagaagatg attcattttttt tttttttttt tttttttttt	4140
405389	gaatttcgtt gtcacccctt gttttttttt tttttttttt tttttttttt tttttttttt	4200
405391	aaagactgtt gatggatgtt gatggatgtt gatggatgtt gatggatgtt gatggatgtt	4260
405393	cacaaaacca agttttccctt ttggagttaca gggagatgca tcaacaaagc atgggtgtgt	4320
405395	gatggagata ttgattgttca agatcgttca gatggatgtt gatggatgtt gatggatgtt	4380
405397	ggaccacccca agcatccttgc tgctaattttttt tttttttttt tttttttttt tttttttttt	4440
405399	tgcaatggaa aaaaggatgtt tcctgtatggc tctgtatggc gctatctctg tgatggatgtt	4500
405401	tcgctgaaca atggaggctt tagcaaccac ttggatgttca gggatgttca gggatgttca	4560
405403	tgttcctgttcc ctgaaggact tcaactcaac aaagacaata aaacatgttca aattgttca	4620
405405	tattgttagca atcatctaaa gtgcagccaa gtatgttca gtcaccaatgttca gtcaccaatgttca	4680

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405407	tgctcatgtt atgaagggtt gaagctggat gtagacggtg aaagtgtac aagtgttgat	4740
405409	cctttgaag cattcatcat cttttctatt cgctcatgaga tcagaaggat tgatcttcac	4800
405411	aaaagagact atagtctact tggacttgc ttggacatgtt gttgttagaa acagaatata ccggggaaag	4860
405413	ttcaatcaa gttaacttta ttggacatgtt gttgttagaa acagaatata ccggggaaag	4920
405415	ctttctgaaa gtggaggtgt cagtgcatt gaagtggtt gggatgttgc cctggctact	4980
405417	ccagaaggcc tgacagtcga ctggatagca ggaaacatata actggataga cagcaatctg	5040
405419	gaccatcg aagtggccaa actagatggc tccctaagaa ctacactaat agcaggagcc	5100
405421	atggAACACC ccaggcccatt tgcttggac ccaagatata gaattctttt ctggacagac	5160
405423	tggatgcaa attttcctcg cattgaatct gcctctatga gtgggtctgg gagaaaaacc	5220
405425	atctataaaag acatgaaaac tggggcttgg cctaattggac taactgttgc ccactttgag	5280
405427	aaaaggatag tggacacaga cgccagggtca gatgttattt attcagccct ctatgttgc	5340
405429	acaacatga tagaaatcat ccgagggtcat gaataccctt cccatccctt tgctgtgtct	5400
405431	ctatatggga gtgaagtctt ctggacacac tggaggacca acacattgtc caaagccat	5460
405433	aagtggacac ggcagaatgt cagtgttgcattt cagaaaacca gtgcacagcc atttgaccc	5520
405435	cagatataacc atccccaggccat ccagocacac gctcccaatc cttgtgcagc taatgttgc	5580
405437	aaaggcccct gctctcacat gtgtctaatc aatcacaata ggagtgtgc ctgtgcgtgc	5640
405439	ccccacttga tgaagttttc ttccagacaag aagacctgtc atgaaatgaa aaaatttctt	5700
405441	ctttatgcaa gacgttctga aatcagagga gtggatattt acaatccata ctttaacttc	5760
405443	atcacggcat ttacagtcctc tgatattgtt gacgttactg tgatagactt cgatgcacat	5820
405445	gaggaacgtt tatactggac agatattaaa acacaaacca ttaaacggc ttttattaaac	5880
405447	ggaactgggt tagaaactgt tatttcaaga gatattcaga gtatcagagg gctacgtg	5940
405449	gattgggtgt cacgttaattt atactggattt agctcagaat ttgtgaaac gcaaaattaat	6000
405451	gtggcaaggc tagatggctc tttggaaaacc tcaatttatcc atgaaatcga taagccacag	6060
405453	tgtcttgcag ctcaccctgtt caggggaaaaa ctctacttgcg ccgttggaaa cacaattaaac	6120
405455	atggcaaata tggatggcag taatagcaag attctgttcc agaattcaga ggagccat	6180
405457	ggtctatcga tagactatgt ggaaaacaag ctttatttgcg tcagttcggg gaatggacc	6240
405459	ataaaatagat gcaaccttggg tggatgtttaat tttagaagttt tcgagtcaat gaaagaagaa	6300
405461	ttaacaaaag ctacagccctt aaccatcatg gataagaaac tggatggggc agaccaaaac	6360
405463	ttagcccgac taggaacctg cagcaaaaaga gacggaaagaa accccaccat cctacggaaat	6420
405465	aagacttctg ggttagttca tatggaaatgtc tatgataaag aagcacagca aggccagcaat	6480
405467	tcctgccaac taaacaatgg tggatgtctt caactttgtt taccacatc tggaaacttaca	6540
405469	aggacttgcata tggatgttgcgtt gggatattat ctccaaaaga accgtatgtc atgtcaaggt	6600
405471	atagaatcat ttcttatgtt ctctgttcat gaagggatca gggaaatacc tcttgaacca	6660
405473	agtgacaaaa tggatgtctt gatgcctata tcaggaaactt catttgcgtt gggaaatagat	6720
405475	ttccatgcag aaaatgataac catctactgg acagacatgg gcttcaataa aatttagcaga	6780
405477	gctaaaagag atcagacttg gaaagaagat atcattacca atggcttggg aagagtggaa	6840
405479	gggatagctg ttgacttggat tgctgttgcac atatatttgcg cagatcatgg tttcaactta	6900
405481	attgaagttt caagactcaa tggatgttgcgtt gatgcctata tcaggaaactt catttgcgtt gggaaatagat	6960
405483	caaccaagat ctatagctgt gcacccagag aaaggccctt tggatgttgcgtt gtaatggggaa	7020
405485	caaataccctt gtattggaaa ggctcgatgg gatggcttgc agaagggtgt cttgttgcac	7080
405487	atggaaatag catggccgaa tggatgttgcgtt gatgcctata tcaggaaactt catttgcgtt gggaaatagat	7140
405489	tgtatgttgcgtt gacacacacaa gatagagaga atcagacccatg agactggagg gatcgccag	7200
405491	atggatgttgcgtt caggaagacaa tggatgttgcgtt ttttgcgtt gatggatgttgcgtt gatcgccat	7260
405493	tactgttgcgtt acagacacacaa tgcaaaacggg tggatgttgcgtt gggccacaa gatgttgcgtt	7320
405495	acagaaacga taaccatgag aaccggccctt ggatgttgcgtt gtaaggaggt taaaatattt	7380
405497	aaccggatcaa gagagaaagg gaccaatgtt tggatgttgcgtt gatcgccat	7440
405499	ctctgttgcgtt atcgaggaaa ttccggaga acttgcgtt gatcgccat	7500
405501	gaagatggag ttacttgcgtt gaggcatgaa ggcttgcgtt tggatgttgcgtt aagaacaata	7560
405503	ttaaaaatgtt tacatcttgcgtt tggatgttgcgtt gggatgttgcgtt gggccacaa gatgttgcgtt	7620

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**Input Set : N:\FANTU\10551874.raw.txt**  
**Output Set: N:\CRF4\10172005\J551874.raw**

405505	aatccacgtt atttcaagaa tgtcatagcc ttggctttg actataatca aagaagaaaa	7680
405507	ggtacccaacc gaatctttt cagtgtatgc aactttggaa atatacagct tattaaagac	7740
405509	aactggaaag acagacaagt aattgttcaa aatgtgggtt ctgtggagg acttgcctat	7800
405511	cacagagcct gggatacact gtactggaca agctctacca cctcatccat caccagacac	7860
405513	actgtggacc agactcggcc tggagcattt gacagggaag ctgtcatcac catgtcagaa	7920
405515	gatgaccatc cacatgtgtc agccttgat gaatgtcaaa atttaatgtt ttggaccaac	7980
405517	tggaatgaac aacatccaag tatcatgaga tctactctga ctggaaaaaa tgctcaagt	8040
405519	gtggtcagta cagacataact cactccaaat ggacttacta tcgactaccg tgcaaaaaag	8100
405521	ctgtatttct cagatggcaag tctaggaaaa attgaaaagt gtgaatacga tggatcccag	8160
405523	agacatgtga tagttaaattc tggccaggg actttcctca gtttggctgt ttatgacaat	8220
405525	tatattattct ggtcgactg gggaaaaa gctataactgc ggtccaaacaa gtacacacca	8280
405527	ggagatacaa aaattcttc ttccgatatt ccacatcagc caatggaaat catagctgtt	8340
405529	gccaatgaca ccaatagctg tgaactttct ccatgtgcat tattgaatgg aggctgcac	8400
405531	gacttgtgcc ttttaactcc caatgggaga gtgaattgtt cctgcagagg ggaccgaata	8460
405533	ttgcttagagg acaacagatg tgtactaaa aattcctcct gcaacgctt ttcggagttt	8520
405535	gaatgtggaa atggtgagtg cattgactac cagctcacct gtgtatggcat tcctcactgt	8580
405537	aaagataaaat cagatggaaa actgtctac tttttttttt gttttttttt ttatgacaat	8640
405539	aagccatgct ataatcgccg ctgcattcct catggcaagt tatgtatgg agaaaatgac	8700
405541	tgcggagaca actctgtatgtt attagattgt aaagtttcaa cctgtgccac ggttgagttc	8760
405543	cgctgtgcag atgggacttg tatttccaa tcaagcactgc gcaaccagaa catagattgt	8820
405545	gcagatgctt cagatggaaa gaactgcaat aacacagact gcacacattt ctataagctt	8880
405547	ggagtggaaa ccacagggtt cataagatgt aattctaccc cactgtgtt tctgccaacc	8940
405549	tggatatgcg acgggtctaa tgactgtggaa gactattcag atgaattaaa gtgcccagtt	9000
405551	cagaacaaac acaaattgtga agaaaattat tttttttttt tttttttttt atgcattttt	9060
405553	aatacccttggaa tatgcgtatgg tcagaaaatgtt tttttttttt gttttttttt atttttttt	9120
405555	gattcttctt gtcattttttt gtcattttttt gtcattttttt gtcattttttt ttcttaaggcat	9180
405557	tggatgttgcg atggagaaga tgactgtggg gatgggttag atgaaatgtt cttttttttt	9240
405559	ggtgccttccaa cctgtgttgc tgacatgttcc agctgcccagg gctctcgtgc ctgcgtgccc	9300
405561	cgacatttggc ttgtgtatgg tgaaaggaaat gttttttttt gttttttttt gttttttttt	9360
405563	gcaggctgcg ctcccaataa tacatgtatgg gaaaatgtt tcattttttt taataaaatgtt	9420
405565	tgcattttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	9480
405567	tcaccgcagt gtggataccg acagtgtgtt acagaagaat tttttttttt tttttttttt tttttttttt	9540
405569	tgtcttcttccaa atactcaatg gtcattttttt gttttttttt gttttttttt gttttttttt	9600
405571	gaagcacctt taaaacccaaa gtgtaaaatgtt gtcattttttt tttttttttt tttttttttt	9660
405573	atgtgcaaaaa atggcagggtt cattttttttt gttttttttt gttttttttt gttttttttt	9720
405575	ggcgatggtt cagatggaaa aaactgcccattttttttt gttttttttt gttttttttt	9780
405577	ggatgttcttccaa aagatgttca agacccatggc gtcattttttt tttttttttt tttttttttt	9840
405579	ttccaaacttgcg aggtatgtatgg cttttttttt tttttttttt tttttttttt tttttttttt	9900
405581	ccctgttagcc agcaatgtatggc tttttttttt tttttttttt tttttttttt tttttttttt	9960
405583	tatgtatggatggc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	10020
405585	ttaattttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	10080
405587	ctttttttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	10140
405589	atcttattttttt tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	10200
405591	ggaagtgtatggc tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	10260
405593	atggaaaaaa acctctattttttt tttttttttt tttttttttt tttttttttt tttttttttt	10320
405595	aatggcttgcgtt accctactat actcgttgcgtt tttttttttt tttttttttt tttttttttt	10380
405597	ttagatcttccaa aagctggatggc tttttttttt tttttttttt tttttttttt tttttttttt	10440
405599	cgtgttggaa tggatggaaat gtcattttttt tttttttttt tttttttttt tttttttttt	10500
405601	atggcacttgcgtt ccattttttt tttttttttt tttttttttt tttttttttt tttttttttt	10560

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405603	gaatttagca acatggatgg atctcataga cacaaagtcc ctaatcaaga tattccaggg	10620
405605	gtgattgcac taacattgtt tgaagactac atctactgga ctgatggaa aaccaagtca	10680
405607	ctcagccgtg cccataaaaac atcgggagca gacagactct cactgattt ctcatggcat	10740
405609	gccatcacag atatccagggt gtatcattct tatagacaac ctgatgtctc caaacatctc	10800
405611	tgcataaaataatgggtt ttgcagtcat ttgtgcctt tagccccctgg aaaaaccac	10860
405613	acttgtcat gtcccactaa cttctatctg gcagctgata ataggacttg cttatccaac	10920
405615	tgcacagcca gccagttcg ttgaaaaact gacaaatgta ttccattctg gtggaaatgt	10980
405617	gacaccgtgg atgactgtgg tgatggatct gatgaacctg atgactgtcc tgaattttaga	11040
405619	tgtcagccag gcccattca gtgtggact ggactctgtg ctctaccagc tttcatctgt	11100
405621	gatggagaga atgattgtgg agacaattct gatgaactca actgtgacac acatgtctgc	11160
405623	ctgtcaggta aattcaaattt taccaagaac cagaaatgta tcccaattttt cttaaatgt	11220
405625	aatggcaag atgactgtgg tgatgaggaa gatgaaaagag actgtcctga aaacagctgt	11280
405627	tctccagact atttccatgt taagactacg aagcattgca tttccaagct gtgggttgc	11340
405629	gacgaggatc cagactgtgc agatgcatca gacgaggcca actgcgataaa aaagacttgt	11400
405631	ggacccatcg aattccatgt taaaaacaac aactgtattc ccgatcactg gcgggtgtgat	11460
405633	agccaaaatg actgcgtga taattcagat gaagaaaact gtaagccaca gacatgtaca	11520
405635	ttgaaagatt tcctctgtgc caatggggac tgtgtttttt caagttttt ggtgtatgga	11580
405637	gattttgact gtgcagatgg ctctgatgag agaaattgtg agacaagtttgc ttccaaatgt	11640
405639	cagttccgggt gttccaatgg tcagtttata ccagaaaaat gggaaatgtga tggccatgaa	11700
405641	gactgcaaat atggggaaaga tgagaaaaacg tgtgagccag ctttccttac ttgtctcatca	11760
405643	cgtgaatata tatgtgccag tgatggatgt atttcagcat ctttggaaatg taatggagaa	11820
405645	tatgattgtg ctgtatggttc agatgagatg gactgtgtga ctgaatgtaa ggaagatcag	11880
405647	tttcgggtgca aaaataaaagc ccactgttattt ccaatttttggctgtgtga tggaaattcat	11940
405649	gactgtgtgg atggcgttga tgaagagaac tgtgaaagag gagggaaatattt atgttagagct	12000
405651	gatgagttcc ttgcataaaat ttctctgtgc aaactacatt tctgggtgtg tgatggagag	12060
405653	gacgactgtg gagacaactc tgatgaagcc octgatatgt gtgtcaattt tctttgtcca	12120
405655	tccacggagac ctcacagatg cagaaaataac agaatatgcc tacagtcggc gcaaattgtgc	12180
405657	aatgggattt atgaatgcgg tgacaattca gatgaagatc actgtgggttgc taagctgaca	12240
405659	tataaagcaa ggccttggta aaaggatgag tttgcttgc gtaataaaaaa atgcattccct	12300
405661	atggatctcc agtgtatgtc acttgcgttgc tgcggagatg gttcagatga gcaaggatgc	12360
405663	agaatagctc ctactgaata tacatgttgc gataatgtga atccatgtgg agatgtatgc	12420
405665	tattgtatc aaataaaaaac atctgttttc tgcgtgttgc agcctggatt tcagagaaac	12480
405667	atgaaaaaca gacaatgtga agacottaat gaatgttttttgc gatgtatattt atcaaaagaga	12540
405669	caatgtataa atgtggaaagg atcatataaa tgcgtgtgtg accagaattt tcaagaaaga	12600
405671	aataacaccc gcatagcaga aggctctgaa gatcaagttc tctacattgc taatgacact	12660
405673	gatatccctgg gttttatata tccttcaac tacagtggcg atcatcaaca aatttctcat	12720
405675	attgaacata attcaagaat aacaggatg gatgtatattt atcaaaagaga tatgattatt	12780
405677	tggagtactc agttaatcc aggcggattt tcttacaaaaa ggatccatgg cagaaaaaaa	12840
405679	aggcaagcaa acagtggctt gatttgcctt gatatttttttgc gcccggatggc cattgcgtt	12900
405681	gactgggtgg ctggaaacat ttactggact gatcatttca gatgcatttgc gttcgttac	12960
405683	tacactactc actggaccag tctgggttgc tctatcaacg tagggcagct gaaatggcccc	13020
405685	aactgcacca gactcttacaa aatatggctt ggagaaccctt atgcatttgc agttaatccct	13080
405687	aaaagaggaa tgatgtactg gactgttttttgc ggggatcattt cccatataaga agaagcagcc	13140
405689	atggatggta cactgagaag gattttagta caaaaagaact tacagagacc cacaggttttgc	13200
405691	gctgtggattt attttagtgc acgcatatat tgggctgtact ttgcgttctc catcatttggc	13260
405693	agtgttctgtt atgatggctc taatttgc gatcatttgc gatgcatttgc gttcgttac	13320
405695	catccacata ggatcgatataat ttttgcattt gatgcatttgc gttcgttac	13380
405697	gtatccatgtt ttttgcattt gatgcatttgc gttcgttac	13440
405699	aaaacaaaag gtgttttgcattt gatgcatttgc gttcgttac	13500

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/551,874

DATE: 10/17/2005

TIME: 12:14:47

Input Set : N:\FANTU\10551874.raw.txt  
 Output Set: N:\CRF4\10172005\J551874.raw

405701	ttggatttag catgcgaatt tcttgcttg ctaaatcctt ctggggccac ttgtgtgtgt	13560
405703	ccagaaggaa aatatttgat taatggcacc tgcaatgatg acagcctgtt agatgattca	13620
405705	tgttaagttaa cttgtgaaaa tggagaaga tgcattttaa atgagaaagg tgatttgagg	13680
405707	tgtcaactgtt ggcccagtta ttccaggagaa agatgtgaag tcaaccactg tagcaactac	13740
405709	tgccagaatg gaggaaacttg cgtaccatca gttcttaggga gaccacactg cagctgtca	13800
405711	ctggggttca ctgggccaaa ctgtggtaaag acagtctgtg aggatttttgc tcaaaaatgga	13860
405713	ggaacctgca ttgtgactgc tggaaaccag cttactgcc actgccagcc ggaatacacacc	13920
405715	ggagacagat gtcagacta cgtgtccac cactattgtg tgaattctga atcatgttacc	13980
W--> 405717	attggggatg atgaaagtnt tgaatgtgtc tgtccaacgc gctatgaagg accaaaatgt	14040
405719	gaggttgaca agtgtgtaaag gtgcattggg gggcactgca ttataaataa agacagtgaa	14100
405721	gatataatgg gcaactgcac taatgaaaag attgcctta gctgtcagtt atgtgtatggc	14160
405723	tactgttaca atgggtggcac atgcccagctg gaccccgaga caaatgtacc tttgtgtcta	14220
405725	tgctccacca actggtcagg cacacagtgt gaaaggccag ccccaaagag cagcaagct	14280
405727	gatcatatca gcacaagaag cattgccatc attgtgcctc tcgtcctctt ggtacttgc	14340
405729	ataaccaccc tagtaattgg ttttagtgc ttgtaaaagaa aaagaaggac aaaaacaatt	14400
405731	agaagacaac ctattatcaa tggagaata aatgtagaaaa ttggcaatcc atcttataac	14460
405733	atgtatgagg tagatcatga tcacaacgt ggaggctt tagatcctgg ctttatgata	14520
405735	gacccaacaa aggccaggtt cataggggaa ggacccagtg cttaaagct tccacacaca	14580
405737	gcgcgcgcgc tctacctaaa ctctgatttg aaaggaccac taactgctgg gccaacaaat	14640
405739	tactccaatc cggtatatgc aaaattatat atggatgggc aaaactgtcg aaactcctta	14700
405741	ggaagtgttg atgaaaggaa agaactgctt ccaaagaaaa tagaaattgg tataagagag	14760
405743	acagtggcat aatcagtgtat atctttata tgctgtataa atgtataaaa tataaggatt	14820
405745	acttttgtat gttccaaacag tattatactt gttttggcat cagcattacc tctttcttta	14880
405747	tcttttcct ggttaattgt tttctgagtt ttttgggtt tatttttgc tgatgactat	14940
405749	tgattgacca ttgttatggt atttttatga aaaagaactg cactacagta caatttacaa	15000
405751	caatgtgtct gatatgacac accttgaat ttgttaaaat taaaaacaac gtattcttt	15060
405753	gtagtgtgaa tatgagcaat ctatttata tgaactttt tggtgtact taatcaacga	15120
405755	ggagaatntc tgcaactttc cattatacgg tttgaaggct gtaatacagt gtcattttat	15180
405757	tttctgttt aaattgtatgg aaaaatgatt gaatggtcaa ctctcttctt tttgtccccata	15240
405759	aagatcgatt cagactctgc tgaaaatata tagctctcac aagtcagca tcacctgtt	15300
405761	tgaaatttagc ctttagattgc caaccaatag atgagaattt tgagaaaaa aattaaaaat	15360
405763	atgtaaaatt aataatttgc atgaacacag atgactacat tttccaaaac ttagtggact	15420
405765	ctatgtgtat tactaaatgt atacacccatg taagcaatag ttatatttag tttgttggaa	15480
405767	atagaaaaaa tataaccgaa agttggccga ctgcacttgc tatgaaataa gacctttat	15540
405769	tctccctcag tctcgagata aatagccagc cttagcaca acagggcatt gggtacttgc	15600
405771	atcttaggtt tttcttccca gtcacatcca ttttgggaa gattaaccca accccttaca	15660
405773	ctacactgaa cactaaagaa taacatataa gcacacaaaat tggtgacaga atttcaatta	15720
405775	cgtgaacgca tcctctttgc taggtcaaaa acaaaggc aagcagacat ttttagtatac	15780
405777	agagtattgt gcaaatattt tcaagattt atatgagcaa cccatttattt gccctatcca	15840
405779	aaatatatttca aaggcccttc caagttgttag aagaacaatg atcttccat aatcaaaaatg	15900
405781	ggagagtcga aatgtgtgtc cagttgtctt ggtattcagg tttctctggg ttttacagaa	15960
405783	cgcattggacc ccattcacgt ttgggttgc tatcttcaaa tttgagttga aacgagtgcg	16020
405785	atttattttaa gttgtatataaaaat gatagcattt ttatacaat atctttaaag	16080
405787	gcacaaaaga ttatttccaa agtttggag ggcttttgc tcctctgata gacatgactg	16140
405789	acttttagct gtcataatgt attaacctaa cagatgaaat atgttaataa tttgtgtgt	16200
405791	ctttatccct ttgtacaagc attaaaaaaa ctgtgtttt ataagaagac tttttgtgt	16260
405793	actatgtgca tgcatactac ctatttctaa actttccat attgaggcct ttataaaacta	16320
405795	ttgattttatg taataactgtt gcaatttgc ttgaacaatg ttatgcataat cataaaactt	16380
405797	ttcaggttct ttttaagta catttttaa attgaacagt atttttcatt tttgttataa	16440

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/551,874

DATE: 10/17/2005  
TIME: 12:14:47

Input Set : N:\FANTU\10551874.raw.txt  
Output Set: N:\CRF4\10172005\J551874.raw

405799 tatagtcatt ttgcctatgt ttctacaatg aagtgttaaa tactttataa aaaattgttg 16500  
E--> 405801 actgacttat ttaaatgaaa ttctacatat aaaaaaaaaa aaaaaaaaaa aaaaaa 16556 ← insert

FYI

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

see p. 20 (next page)

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SEQUENCE LISTING

□  
<110> SIRS-Lab GmbH  
□  
<120> Verfahren zur Erkennung akuter generalisierter entzündlicher Zustände  
(SIRS), Sepsis, sepsisähnlichen Zuständen und systemischen Infektionen  
□  
<130> SL0505  
□  
*use English*  
*These are prior data*  
<1507> <140> PCT/EP2004/003419 □  
<1517> <141> 2004-03-31

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/10/551,874

DATE: 10/17/2005  
TIME: 12:14:48

Input Set : N:\FANTU\10551874.raw.txt  
Output Set: N:\CRF4\10172005\J551874.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:120  
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:480  
M:341 Repeated in SeqNo=10  
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:420  
L:507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:60  
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180  
M:341 Repeated in SeqNo=24  
L:800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:360  
L:1109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:360  
L:1484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:120  
M:341 Repeated in SeqNo=42  
L:1516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:180  
L:1711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:300  
M:341 Repeated in SeqNo=50  
L:1846 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:420  
M:341 Repeated in SeqNo=55  
L:1914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:180  
M:341 Repeated in SeqNo=57  
L:2069 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:180  
L:2157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:420  
L:2193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:480  
L:2224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:240  
M:341 Repeated in SeqNo=68  
L:2266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:480  
L:2292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:240  
L:2339 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:360  
L:2531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:360  
L:2675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:420  
L:2722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0  
L:2754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0  
L:3062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:480  
L:3080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0  
L:3147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:240  
M:341 Repeated in SeqNo=99  
L:3194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:0  
M:341 Repeated in SeqNo=100  
L:3273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:540  
M:341 Repeated in SeqNo=101  
L:3589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:480  
M:341 Repeated in SeqNo=110  
L:3689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:480  
M:341 Repeated in SeqNo=113  
L:3778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:540  
M:341 Repeated in SeqNo=116  
L:4177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:0  
M:341 Repeated in SeqNo=118

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/551,874

DATE: 10/17/2005  
TIME: 12:14:48

Input Set : N:\FANTU\10551874.raw.txt  
Output Set: N:\CRF4\10172005\J551874.raw

L:4273 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:420  
L:4347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:600  
M:341 Repeated in SeqNo=123  
L:4575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132 after pos.:420  
L:260276 M:301 E: (44) No Sequence Data was Shown, SEQ ID:6691  
L:262782 M:301 E: (44) No Sequence Data was Shown, SEQ ID:6746  
L:267220 M:301 E: (44) No Sequence Data was Shown, SEQ ID:6841  
L:291623 M:301 E: (44) No Sequence Data was Shown, SEQ ID:7368  
L:291985 M:301 E: (44) No Sequence Data was Shown, SEQ ID:7378  
L:303036 M:301 E: (44) No Sequence Data was Shown, SEQ ID:7607  
L:341027 M:301 E: (44) No Sequence Data was Shown, SEQ ID:8489  
L:361142 M:301 E: (44) No Sequence Data was Shown, SEQ ID:9207  
L:362191 M:301 E: (44) No Sequence Data was Shown, SEQ ID:9241  
L:404719 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:14392 SEQ:10521  
L:405228 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:14896 SEQ:10522  
L:405801 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:16556 SEQ:10523